

Title (en)
An optical memory medium.

Title (de)
Optisches Speichermedium.

Title (fr)
Matériau pour mémoire optique.

Publication
EP 0317344 A2 19890524 (EN)

Application
EP 88310925 A 19881118

Priority
• JP 29118687 A 19871118
• JP 29118787 A 19871118
• JP 33264787 A 19871225

Abstract (en)
An optical memory medium is described comprising prepits (11, 11 min) on which a light spot (5) is impinged to obtain information and, if required, guide grooves: each of those (11 min) among the prepits (11, 11 min) which are longer than the diameter of the light spot (5) consists of a series of pit portions (11a) and unpitted portions (12); each of the prepits (23) is sandwiched between two discontinuous portions (21a) of guide grooves (21) adjacent to each other; the guide grooves (21) have one or more narrow portions (21b), and each of the prepits (23) is sandwiched between two of the narrow portions (21b) of guide grooves (21) adjacent to each other; or the guide grooves (21) have one or more long portions (21h), one or more short portions (21j), and narrow portions (21i) formed between the long (21h) and short (21j) portions, and each of the prepits (23) is sandwiched between two of the short portions (21j) of guide grooves (21) adjacent to each other.

IPC 1-7
G11B 7/013; G11B 7/09; G11B 7/24

IPC 8 full level
G11B 7/007 (2006.01); **G11B 7/013** (2006.01); **G11B 7/09** (2006.01); **G11B 7/24** (2013.01); **G11B 7/24085** (2013.01)

CPC (source: EP US)
G11B 7/00745 (2013.01 - EP US); **G11B 7/0938** (2013.01 - EP US); **G11B 7/24** (2013.01 - EP US); **G11B 7/24085** (2013.01 - EP US)

Cited by
US5953299A; EP0718831A3; US6031814A; EP0843305A3; EP0847046A3; US6487151B1; US6683739B2; US6697313B2; US6707776B2; US7075884B2; US7092348B2; US6181661B1; US6307825B1; US6430134B1; US6580673B2; US6788643B2; US7099262B2

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0317344 A2 19890524; EP 0317344 A3 19901128; EP 0317344 B1 19940608; CA 1317374 C 19930504; DE 3850050 D1 19940714; DE 3850050 T2 19940922; DE 3856147 D1 19980416; DE 3856147 T2 19980917; DE 3856572 D1 20041021; DE 3856572 T2 20050922; EP 0527539 A2 19930217; EP 0527539 A3 19931110; EP 0527539 B1 19980311; EP 0811969 A2 19971210; EP 0811969 A3 20001206; EP 0811969 B1 20040915; US 5477524 A 19951219; US 5754523 A 19980519

DOCDB simple family (application)
EP 88310925 A 19881118; CA 583549 A 19881118; DE 3850050 T 19881118; DE 3856147 T 19881118; DE 3856572 T 19881118; EP 92203371 A 19881118; EP 97202025 A 19881118; US 30481094 A 19940913; US 53430095 A 19950927